

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063475.D
 Acq On : 21 Sep 2020 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:06:59 PM

Quant Time: Sep 22 02:31:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	308050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	226305	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	
35) Dibromofluoromethane	7.54	113	162122	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
50) Toluene-d8	10.06	98	623229	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.37	95	241913	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	162955	46.693	ug/l	100
3) Chloromethane	2.04	50	184583	39.981	ug/l	99
4) Vinyl Chloride	2.16	62	185151	45.265	ug/l	97
5) Bromomethane	2.53	94	116885	48.128	ug/l	98
6) Chloroethane	2.67	64	106869	42.563	ug/l	99
7) Trichlorofluoromethane	2.98	101	292565	47.939	ug/l	99
8) Diethyl Ether	3.37	74	108676	45.680	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	164813	48.021	ug/l	99
10) Methyl Iodide	3.91	142	209571	46.901	ug/l	99
11) Tert butyl alcohol	4.72	59	147655	203.254	ug/l	99
12) 1,1-Dichloroethene	3.69	96	158565	45.613	ug/l	98
13) Acrolein	3.56	56	54943	204.087	ug/l	98
14) Allyl chloride	4.27	41	295324	42.948	ug/l	96
15) Acrylonitrile	4.92	53	402847	218.007	ug/l	99
16) Acetone	3.77	43	359937	213.577	ug/l	99
17) Carbon Disulfide	4.01	76	448139	44.319	ug/l	99
18) Methyl Acetate	4.27	43	197521	46.168	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	582191	44.935	ug/l	99
20) Methylene Chloride	4.50	84	184571	43.226	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	169838	44.097	ug/l	97
22) Diisopropyl ether	5.90	45	620052	44.214	ug/l	99
23) Vinyl Acetate	5.84	43	2597634	225.540	ug/l	98
24) 1,1-Dichloroethane	5.79	63	341517	44.605	ug/l	99
25) 2-Butanone	6.78	43	557613	215.135	ug/l	97
26) 2,2-Dichloropropane	6.77	77	313097	46.446	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	201571	46.238	ug/l	100
28) Bromochloromethane	7.15	49	155812	44.075	ug/l	93
29) Tetrahydrofuran	7.16	42	375999	212.402	ug/l	99
30) Chloroform	7.32	83	354569	46.158	ug/l	99
31) Cyclohexane	7.61	56	300977	41.558	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	319941	46.828	ug/l	98
36) 1,1-Dichloropropene	7.75	75	259331	46.700	ug/l	99
37) Ethyl Acetate	6.88	43	239159	43.881	ug/l	99
38) Carbon Tetrachloride	7.73	117	271289	47.858	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	284020	47.125	ug/l	95
40) Benzene	8.00	78	744560	46.969	ug/l	100
41) Methacrylonitrile	7.12	41	114688	46.787	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	298704	46.856	ug/l	100
43) Isopropyl Acetate	8.12	43	431699	44.298	ug/l #	90
44) Trichloroethene	8.80	130	186306	48.456	ug/l	97
45) 1,2-Dichloropropane	9.08	63	200880	46.528	ug/l	96
46) Dibromomethane	9.17	93	134990	47.571	ug/l	98
47) Bromodichloromethane	9.37	83	286488	48.597	ug/l	99
48) Methyl methacrylate	9.16	41	212360	44.353	ug/l	97
49) 1,4-Dioxane	9.16	88	62136	904.317	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	1242758	227.786	ug/l	100
52) Toluene	10.12	92	472542	49.580	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	320582	48.711	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	334549	48.193	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	181693	47.995	ug/l	96
56) Ethyl methacrylate	10.40	69	282584	47.815	ug/l	98
57) 1,3-Dichloropropane	10.68	76	317649	46.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	661871	213.492	ug/l	97
59) 2-Hexanone	10.72	43	929384	235.133	ug/l	99
60) Dibromochloromethane	10.87	129	210820	49.294	ug/l	99
61) 1,2-Dibromoethane	10.97	107	193959	49.315	ug/l	99
64) Tetrachloroethene	10.60	164	168722	51.394	ug/l	98
65) Chlorobenzene	11.40	112	492552	48.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	188670	50.292	ug/l	99
67) Ethyl Benzene	11.48	91	929827	48.245	ug/l	100
68) m/p-Xylenes	11.59	106	685435	98.640	ug/l	99
69) o-Xylene	11.92	106	329750	49.815	ug/l	98
70) Styrene	11.94	104	559753	50.425	ug/l	99
71) Bromoform	12.10	173	142139	50.859	ug/l #	99
73) Isopropylbenzene	12.22	105	902115	47.521	ug/l	100
74) N-amyl acetate	12.04	43	403761	44.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	264077	44.928	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	255359m	43.551	ug/l	
77) Bromobenzene	12.50	156	203978	47.768	ug/l	97
78) n-propylbenzene	12.56	91	1064715	48.155	ug/l	99
79) 2-Chlorotoluene	12.65	91	626023	47.233	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	778191	49.160	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	98081	45.860	ug/l	98
82) 4-Chlorotoluene	12.75	91	682169	48.713	ug/l	98
83) tert-Butylbenzene	12.97	119	618170	47.315	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	786959	49.218	ug/l	100
85) sec-Butylbenzene	13.14	105	855211	48.902	ug/l	100
86) p-Isopropyltoluene	13.26	119	770841	49.974	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	386445	48.827	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	387864	48.201	ug/l	100
89) n-Butylbenzene	13.59	91	726345	51.087	ug/l	100
90) Hexachloroethane	13.85	117	136177	46.364	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	377737	48.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62423	44.598	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	232294	50.709	ug/l	98
94) Hexachlorobutadiene	14.98	225	105038	55.386	ug/l	97
95) Naphthalene	15.10	128	721334	47.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	219746	49.647	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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